

DECLARATION

As below named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names,

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ADSORPTIVE MEMBRANE DEVICE FOR
TREATING PARTICLE-LADEN LIQUID FEEDS**

the specification of which

☒ is attached hereto.

☐ was filed on _____ as
Application Serial No. _____
and was amended on _____.
(if applicable)

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, §365(b) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority
Claimed

<u>199 43 921.4</u> (Number)	<u>GERMANY</u> (Country)	<u>14 SEPT 1999</u> (Day/Month/Year Filed)			
			<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No
<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Day/Month/Year Filed)	<input type="checkbox"/>	Yes	<input type="checkbox"/> No
<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Day/Month/Year Filed)	<input type="checkbox"/>	Yes	<input type="checkbox"/> No

Country	Year	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Urban population density (per sq km)	Population growth rate (%)	Urban population growth rate (%)	Population growth rate (%)	Urban population growth rate (%)	Population growth rate (%)	Urban population growth rate (%)
Algeria	1980	10.0	4.0	40.0	100.0	250.0	1.5	2.5	1.5	2.5	1.5	2.5
Algeria	1985	10.5	4.5	42.9	105.0	262.5	1.8	3.0	1.8	3.0	1.8	3.0
Algeria	1990	11.0	5.0	45.5	110.0	275.0	2.1	3.5	2.1	3.5	2.1	3.5
Algeria	1995	11.5	5.5	47.8	115.0	287.5	2.4	4.0	2.4	4.0	2.4	4.0
Algeria	2000	12.0	6.0	50.0	120.0	300.0	2.7	4.5	2.7	4.5	2.7	4.5
Algeria	2005	12.5	6.5	52.0	125.0	312.5	3.0	5.0	3.0	5.0	3.0	5.0
Algeria	2010	13.0	7.0	53.8	130.0	325.0	3.3	5.5	3.3	5.5	3.3	5.5
Algeria	2015	13.5	7.5	55.6	135.0	337.5	3.6	6.0	3.6	6.0	3.6	6.0
Algeria	2020	14.0	8.0	57.1	140.0	350.0	3.9	6.5	3.9	6.5	3.9	6.5
Algeria	2025	14.5	8.5	58.6	145.0	362.5	4.2	7.0	4.2	7.0	4.2	7.0
Algeria	2030	15.0	9.0	60.0	150.0	375.0	4.5	7.5	4.5	7.5	4.5	7.5
Algeria	2035	15.5	9.5	61.3	155.0	387.5	4.8	8.0	4.8	8.0	4.8	8.0
Algeria	2040	16.0	10.0	62.5	160.0	400.0	5.1	8.5	5.1	8.5	5.1	8.5
Algeria	2045	16.5	10.5	63.6	165.0	412.5	5.4	9.0	5.4	9.0	5.4	9.0
Algeria	2050	17.0	11.0	64.7	170.0	425.0	5.7	9.5	5.7	9.5	5.7	9.5
Algeria	2055	17.5	11.5	65.7	175.0	437.5	6.0	10.0	6.0	10.0	6.0	10.0
Algeria	2060	18.0	12.0	66.7	180.0	450.0	6.3	10.5	6.3	10.5	6.3	10.5
Algeria	2065	18.5	12.5	67.6	185.0	462.5	6.6	11.0	6.6	11.0	6.6	11.0
Algeria	2070	19.0	13.0	68.4	190.0	475.0	6.9	11.5	6.9	11.5	6.9	11.5
Algeria	2075	19.5	13.5	69.2	195.0	487.5	7.2	12.0	7.2	12.0	7.2	12.0
Algeria	2080	20.0	14.0	70.0	200.0	500.0	7.5	12.5	7.5	12.5	7.5	12.5
Algeria	2085	20.5	14.5	70.7	205.0	512.5	7.8	13.0	7.8	13.0	7.8	13.0
Algeria	2090	21.0	15.0	71.4	210.0	525.0	8.1	13.5	8.1	13.5	8.1	13.5
Algeria	2095	21.5	15.5	72.1	215.0	537.5	8.4	14.0	8.4	14.0	8.4	14.0
Algeria	2100	22.0	16.0	72.7	220.0	550.0	8.7	14.5	8.7	14.5	8.7	14.5
Algeria	2105	22.5	16.5	73.3	225.0	562.5	9.0	15.0	9.0	15.0	9.0	15.0
Algeria	2110	23.0	17.0	73.9	230.0	575.0	9.3	15.5	9.3	15.5	9.3	15.5
Algeria	2115	23.5	17.5	74.5	235.0	587.5	9.6	16.0	9.6	16.0	9.6	16.0
Algeria	2120	24.0	18.0	75.0	240.0	600.0	9.9	16.5	9.9	16.5	9.9	16.5
Algeria	2125	24.5	18.5	75.5	245.0	612.5	10.2					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION EXAMINING OPERATIONS

Applicants : Wolfgang Demmer and Dietmar Nussbaumer

Serial No. :

Filed : (concurrently herewith)

Title : **ADSORPTIVE MEMBRANE DEVICE FOR
TREATING PARTICLE-LADEN LIQUID FEEDS**

POWER OF ATTORNEY

10 09936065 "090503"

I, Dr. Eric Janssens, President, declare that I am the President of SARTORIUS AG, and am authorized to execute this document on its behalf. SARTORIUS AG is the assignee of the entire right, title and interest in the above-referenced patent application and hereby appoints Jacob E. Vilhauer, Jr., Reg. No. 24,885, Charles D. McClung, Reg. No. 26,568, Dennis E. Stenzel, Reg. No. 28,763, Donald B. Haslett, Reg. No. 28,855, William O. Geny, Reg. No. 27,444, J. Peter Staples, Reg. No. 30,690, Nancy J. Moriarty, Reg. No. P-40,733, Bruce W. DeKock, Reg. No. P-40,585, Kevin L. Russell, Reg. No. 38,292 and Timothy A. Long, Reg. No. 28,876, all members of the firm of CHERNOFF, VILHAUER, McCLUNG & STENZEL, 1600 ODS Tower, 601 S.W. Second Avenue, Portland, Oregon 97204-3157, telephone number (503) 227-5631, its attorneys, jointly and individually, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

SARTORIUS AG

Dated: 1/8, 2001


Dr. Eric Janssens, President

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

STATEMENT UNDER 37 CFR §3.73(b)

Applicants : Wolfgang Demmer and Dietmar Nussbaumer
Application No. : _____ Filed: (concurrently herewith)
Title : ADSORPTIVE MEMBRANE DEVICE FOR TREATING PARTICLE-LADEN
LIQUID FEEDS
Assignee : SARTORIUS, AG,
a GERMAN corporation,
(Type of Assignee, e.g., corporation, partnership,
university, government agency, etc.)

states that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ a chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached. (Where one or more of the documents is unrecorded.)

The undersigned (whose title is supplied below) is empowered to sign this Statement on behalf of the assignee.

Date : September 5, 2001
Name : Dennis E. Stenzel
Title : Attorney for Assignee (copy of Power of Attorney is attached)

Signature: _____

Chernoff, Vilhauer, McClung & Stenzel, LLP
1600 ODS Tower
601 S.W. Second Avenue
Portland, Oregon 97204-3157
Tel: (503) 227-5631

(Customer No. 000152)

ASSIGNMENT

WHEREAS, we, Wolfgang Demmer and Dietmar Nussbaumer are the inventors of an invention entitled **ADSORPTIVE MEMBRANE DEVICE FOR TREATING PARTICLE-LADEN LIQUID FEEDS** for which on an even date herewith we executed an application for United States letters patent;

NOW, THEREFORE, in consideration of valuable consideration received from **SARTORIUS AG**, a German company, whose primary address is Weender Landstrasse 94-108, D-37075 Göttingen, GERMANY, the receipt whereof is acknowledged, we do hereby assign unto the same **SARTORIUS AG** the entire interest in said invention for the United States and all foreign countries and any letters patent to be issued therefor in the United States or any foreign country and any divisions, continuations, continuations-in-part, improvements, reissues or extensions that may be made or granted thereon.

AND the Commissioner of Patents and Trademarks is requested to issue such letters patent in accordance herewith. And we agree to execute further instruments proper for effectuating the premises.

Executed on August 2th, 2001.

Wolfgang Demmer
Wolfgang Demmer

Executed on August 3rd, 2001.

Dietmar Nussbaumer
Dietmar Nussbaumer